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1231

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RAW SEQUENCE LISTING   DATE: 01/09/2003
PATENT APPLICATION: **US/10/072,012**   TIME: 13:29:11

Input Set : **D:\Cura 558 Sequence List.txt**
Output Set: **N:\CRF4\01092003\J072012.raw**

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 3 <110> APPLICANT: Tchernev, Velizar
 4         Spytek, Kimberly
 5         Zerhusen, Bryan
 6         Patturajan, Meera
 7         Shimkets, Richard
 8         Li, Li
 9         Gangolli, Esha
10         Padigaru, Muralidhara
11         Anderson, David W.
12         Rastelli, Luca
13         Miller, Charles E.
14         Gerlach, Valerie
15         Taupier Jr, Raymond J.
16         Gusev, Vladimir Y.
17         Colman, Steven D.
18         Wolenc, Adam R.
19         Pena, Carol E. A
20         Furtak, Katarzyna
21         Grosse, William M.
22         Alsobrook II, John P.
23         Lepley, Denise M.
24         Rieger, Daniel K.
25         Burgess, Catherine E.
27 <120> TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
29 <130> FILE REFERENCE: 21402-258
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P.6

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C--> 32 <141> CURRENT FILING DATE: 2002-01-31
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     35 <151> PRIOR FILING DATE: 2001-01-30
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     49 <150> PRIOR APPLICATION NUMBER: 60/266,406
     50 <151> PRIOR FILING DATE: 2001-02-02
     52 <150> PRIOR APPLICATION NUMBER: 60/266,767
     53 <151> PRIOR FILING DATE: 2001-02-05
     55 <150> PRIOR APPLICATION NUMBER: 60/267,057
     56 <151> PRIOR FILING DATE: 2001-02-07
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RAW SEQUENCE LISTING   DATE: 01/09/2003
PATENT APPLICATION: **US/10/072,012**   TIME: 13:29:11

Input Set : **D:\Cura 558 Sequence List.txt**
Output Set: **N:\CRF4\01092003\J072012.raw**

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79 <150> PRIOR APPLICATION NUMBER: 60/272,788
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103 aactgaacga gatggagacc tggatcatgg ggatttggga ggtctgcgtg gatcgagagg 180
104 aagtcgccac tgtgtgcaag gcctttgaat ccttcttgtc tctgccccag gagctccagg 240
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107 gtctcctggg aaggactttg gaggcatccg cttcagccac taccctcctt ccagtctcct 420
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109 cggtgggagt ttggaggtgc cctctacttg ggctgggctg ctggtatttt cctggctctt 540
110 ggtgggctac tcctcatctt ctcggcctgc ctgggaaaag aagatgtgcc ttttcctttg 600
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130 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
131     50                   55                   60
133 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
134  65                   70                   75                   80
136 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
137              85                   90                   95
139 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
140             100                  105                  110
142 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
143         115                  120                  125
145 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
146     130                  135                  140
148 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Arg Trp
149 145                  150                  155                  160
151 Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala Gly Ile Phe Leu
152             165                  170                  175
154 Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys Leu Gly Lys Glu
155             180                  185                  190
157 Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val Pro Leu Ser Cys
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176 aagtcgccac tgtgtgcaag gcctttgaat ccttcttgtc tctgccccag gagctccagg 240
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180 gggtggccca tgccacaatc caagacttct gggatgacag catccctgac atcataccct 480
181 cggtgggagt ttggaggtgc cctctacttg ggctgggctg ctggtatttt cctggctctt 540
182 ggtgggctac tcctcatctt ctcggcctgc ctgggaaaag aagatgtgcc ttttcctttg 600
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190 <213> ORGANISM: Homo sapiens
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196 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
197             20                  25                  30
199 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
200         35                  40                  45
202 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
203         50                  55                  60
205 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
206  65                  70                  75                  80
208 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
209                 85                  90                  95
211 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
212             100                 105                 110
214 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
215         115                 120                 125
217 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
218     130                 135                 140
220 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Ser Val
221 145                 150                 155                 160
223 Gly Val Trp Arg Cys Pro Leu Leu Gly Leu Gly Cys Trp Tyr Phe Pro
224             165                 170                 175
226 Gly Ser Trp Trp Ala Thr Pro His Leu Leu Gly Leu Pro Gly Lys Arg
227             180                 185                 190
229 Arg Cys Ala Phe Ser Phe Asp Gly Trp Ser His Ser Pro Pro Ile Leu
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251 acttctggga tgacagcatc cctgacatca tacctcggtg ggagtttgga ggtgccctct 420
252 acttgggctg ggctgctggt attttcctgg ctcttggtgg gctactcctc atcttctcgg 480
253 cctgcctggg aaaagaagat gtgccttttc ctttgatggc tggtcccaca gtccccctat 540
254 cctgtgctcc agtggaggag tcagatggct ccttccacct catgctaaga cctaggaacc 600
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267  Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
268              20                  25                  30
270  Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
271          35                  40                  45
273  Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
274          50                  55                  60
276  Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Phe His
277  65                  70                  75                  80
279  Arg Ile Arg Trp Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr
280                  85                  90                  95
282  Leu Glu Ala Ser Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val
283              100                 105                 110
285  Ala His Ala Thr Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile
286          115                 120                 125
288  Ile Pro Arg Trp Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala
289          130                 135                 140
291  Gly Ile Phe Leu Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys
292  145                 150                 155                 160
294  Leu Gly Lys Glu Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val
295                  165                 170                 175
297  Pro Leu Ser Cys Ala Pro Val Glu Glu Ser Asp Gly Ser Phe His Leu
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301          195                 200
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307  <213> ORGANISM: Homo sapiens
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312  aactgaacga gatggagacc tggatcatgg ggatttggga ggtctgcgtg gatcgagagg  180
313  aagtcgccac tgtgtgcaag gcctttgaat ccttcttgtc tctgccccag gagctccagg  240
314  tagcccgcat cctcatggta gcctcccatg ggctgggcct attggggctt ttgctctgca  300
315  gctttgggtc tgaatgcttc cagtttcaca ggatcagatg ggtattcaag aggcggcttg  360
316  gtctcctggg aaggactttg gaggcatccg cttcagccac taccctcctt ccagtctcct  420
317  gggtggccca tgccacaatc caagacttct gggatgacag catccctgac atcatacctc  480
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320  tggctggtcc cacagtcccc ctatcctgtg ctccagtgga ggagtcagat ggctccttcc  660
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 01/09/2003
PATENT APPLICATION: **US/10/072,012**   TIME: 13:29:12

Input Set : **D:\Cura 558 Sequence List.txt**
Output Set: **N:\CRF4\01092003\J072012.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:467; Xaa Pos. 891
Seq#:468; Xaa Pos. 890,1762,1786
Seq#:469; Xaa Pos. 891,1763,1787
Seq#:596; Xaa Pos. 41
Seq#:698; Xaa Pos. 40,41,42,43,44,45,46
Seq#:702; Xaa Pos. 469
Seq#:775; Xaa Pos. 164
Seq#:779; Xaa Pos. 15